ATENT 1885 stitute for form 1449A/PTO

Approved for use through 10/31/2002. OMB 0551-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 1 of 2

a collection of information unless it displays a valid OMB control number.					
Application Number	10/673,953				
Filing Date	September 29, 2003				
First Named Inventor	Michael Clem et al.				
Group Art Unit	Not assigned				
Examiner Name	Not assigned				
Attomey Docket Number	END-5210				

PTO/SB/08A (08-00)

		Sileet I UI	۷				
				U.S. PATENT DOCUMENTS			
Examiner Initials	Cit e No	е	P	Code ² nown)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
ROT		4,620,547	A	Boebel	11-04-1986	ALL	
		4,909,782	Α	Semm et al.	03-20-1990	ALL	
		4,955,882	Α	Hakky	09-11-1990	ALL	
		5,662,712	A1	Pathak et al.	09-02-1997	ALL	
		5,697,943	A1	Sauer et al.	12-16-1997	ALL	
		6,149,581	A1	Klingenstein	11-21-2001	ALL	
		US 2001/0053909		Nakada et al.	12-20-2001	ALL "	
		6,394,949	B1	Crowley	05-28-2002	ALL	
		6,402,764	B1	Hendrickson et al.	06-11-2002	ALL	
4		US2002/0183768	A1	Deem et al.	12-05-2002	ALL	
						ALL	
						ALL	

					EIGN PATENT DOCUMENTS						
Examiner Initials	Cite			- · · ·	Foreign Office ³	Patent Document Number ⁴ Kind	dCode ⁵	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ⁶
ROS		wo	81/01363	A1	Frost	05-28-1981	ALL				
		EP	0919191	A2	Roresster	06-02-1999	ALL				
		GB	2,365,340	A	Appleyard et al.	02-20-2000	ALL				
4		EP	0736285	A2	Larsen et al.	11-26-2003	ALL				
							ALL				
							ALL				

Examiner Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number, 2 See attached Kinds of U.S. Patent Documents, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document, s Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible, s Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the Individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 PTO/S8/08A (08-00)

Approved for use through 10/31/2002. OMB 0551-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it displays a valid OMB control number.

To form 1449A/PTO

Application Number 10/673.953

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 2 of 2

a conoction of union habon unices it displays	TANG CHILD COINE OF THE INDEL.
Application Number	10/673,953
Filing Date	September 29, 2003
First Named Inventor	Michael Clem et al.
Group Art Unit	Not assigned
Examiner Name	Not assigned
Attorney Docket Number	END-5210

				U.S. PATENT DOCUMENTS		
Examiner Initials	Cite No.		l Code ² known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
RDY		US 6,503,259	B2	Huxel et al.	01-07-2003	ALL
ľ		US2003/0014064	A1	Blatter	01-16-2003	ALL
		US2003/0065359	A1	Weller et al.	04-03-2003	ALL
#		US2003/0065345	A1	Weadock	04-03-2003	ALL
						ALL
						ALL
				·		ALL
						ALL
						ALL .
						ALL
			1	<u> </u>		ALL
						ALL

				FORE	IGN PATENT DOCUMENTS			
		Foreign	Patent Docu	ment	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Examiner Cite Initials No.1	Office ³ Number ⁴ KindCode ⁵		KindCode ⁵	Applicant of Cited Document	mm-dḍ-yyyy	passages or relevant figures appear	T ⁶	
ļ							ALL	
							ALL	
	<u> </u>						ALL	
	•					·	ALL	
	<u> </u>				,		ALL	
	 						ALL	

						<i></i>
Examiner	$\sim 7\nu$ \sim	1 1 1 2	Date	· /	201	4.5
Signature	Doy W.	Just	Considered	11.	-LU 11	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

U.S. PATENT DOCUMENTS

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)
Sheet 1 of 2

a constanti di miorinanon uniessi i dispiays	a valu OMB COMBO HUMBEI.
Application Number	10/673,953
Filing Date	September 29, 2003
First Named Inventor	Michael Clem
Group Art Unit	Not assigned
Examiner Name	Not assigned
Attorney Docket Number	END5210USANP

		U.S. Patent Document		·			
Examiner Initials	Cit 8 No		Code ² (nown)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	
RYO		4,116,198		Roos	09-26-1978	ALL	
1		6,019,733		Farascioni	02-01-2000	ALL	
4		US2003/009085	A1	Arai, et al.	01-09-2003	ALL	
•						ALL	
						ALL	
-,-,-						ALL .	
						ALL	
						ALL	
						ALL	
						ALL	
						ALL	
			1.			ALL	

FOREIGN PATENT DOCUMENTS Date of Publication Pages, Columns, Lines, Foreign Patent Document where relevant of Cited Document Name of Patentee or passages or relevant Examiner mm-dd-yyyy T٥ Applicant of Cited Document figures appear KindCode⁵ Number⁴ Office³ No.1 ALL 11-29-2001 wo 0189370 C.R. Bard, Inc. ALL 05-10-2002 wo 0235986 Endonetics Inc. ALL ALL ALL ALL

	A				
Examiner Signature	Roy O. Jebson	Date Considered	7/2	1/65	

*EXAMINER: Initial if reference/considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3), 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the senal number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible, 6 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0551-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to

ILS DATENT DOCUMENTS

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 3 of 2

Application Number 10/673,953 Filing Date September 29, 2003 First Named Inventor Michael Clem					
	Application Number	10/673,953	_		
	Filing Date	September 29, 2003	_		
	First Named Inventor	Michael Clem	_		
	Group Art Unit	Not assigned	_		
	Examiner Name	Not assigned	_		
	Attorney Docket Number	END5210USANP	_		

		U.S. Patent Document		<u> </u>		
Examiner Initials	Cit e No		d Code ² f known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
RUD	,	4,116,198		Roos	09-26-1978	ALL
		6,019,733		Farascioni	02-01-2000	ALL
V		US2003/009085	A1	Arai, et al.	01-09-2003	ALL
						ALL
						ALL
						ALL .
						ALL
						ALL
						ALL
						ALL
				·		ALL
						ALL

FOREIGN PATENT DOCUMENTS Date of Publication Pages, Columns, Lines, Foreign Patent Document of Cited Document where relevant Name of Patentee or passages or relevant Examiner Cite mm-dd-yyyy Applicant of Cited Document figures appear Initials Number⁴ KindCode⁵ Office³ No.1 ALL WO 0189370 C.R. Bard, Inc. 11-29-2001 ALL WO Endonetics Inc. 05-10-2002 0235986 ALL ALL ALL

	<u> </u>		
Examiner Koy &	Libson	Date Considered	7/20/15

*EXAMINER: Initial if reference/considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. s Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. a Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



SUBMISSION UNDER MPEP 609 D

Application Number	10/673,953
Filing Date	September 29, 2003
First Named Inventor	Michael Clem
Group Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	END5210USANP

		Page I of I		i	Dockern	univer	END521003	- Trinc
	•	U.S. PA	ATEN	T DOCUMEN	TS			
			T	J.S. Patent Doc	ument			
Examiner Initials	Cite	of Cited Document		Kind Code ² Number (if known)			Pages, Columns, Lines where relevant passages relevant figures appea	
	No.1		+	voribei		(ii kilowil)	Tolovani siguio	3 oppoor
			+					
		<u></u>	\dashv					
			+	•		_		
			-					
			1					
					•			
			\perp	· · · · · ·				
		5085101		FAIT BOOLIN	- ·			
		FOREIGN		ENT DOCUM		Pages	Columns, Lines,	
Examiner Initials	Cite	Name of Patentee or Applicant of Cited Document	where relevant por relevant fi				elevant passages elevant figures appear	т⁰
	NO.							
							,	
							· · · - · · · ·	
		OTHER PRIOR ART - NO	N DA	TENTLITEDAT	TUPE DOCUM	VENTS		<u></u>
		Include name of the author (in C/	APITA	L LETTERS)	title of the	article (wher	appropriate),	<u> </u>
Examiner 's Initials*	Cite No.1	title of the item (book, magazine, volume-issue number(s	. toum	al, serial, sym	nposium, ca	talog, etc.),	date, page(s),	T ²
ROY		EPO Search Report dated January Patent Application No. EP 04 25 59	y 12, : 975. (/	2005 for come Atty. Docket N	esponding p lo.: END520	atent applic 9USANP)	ation, European	
					_			
							······································	
		Chow D. Gelison						

Examiner Signature	Choya	O. Gelson	Date Considered	9/2	0/05
		<i>F</i>	,	- , ,	

MAR 2 4 2008 20 perwise particular Act of 1989 to per

PTO/SB/08A (08-00)
'Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
rsons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)
Sheet 1 of 3-

a collection of information unless it displays	a valio OMB Collidor Humber.
Application Number	10/673,953
Filing Date	September 29, 2003
First Named Inventor	Michael Clem, et al.
Group Art Unit	Not Assigned
Examiner Name	Not assigned
Attorney Docket Number	END5210USNP

				U.S. PATENT DOCUMENTS		
Examiner Initials	Cit e No	U.S. Patent Document Kind Code ² Number (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
RUJ		6,432,064	B1	Hibner, et al.	08-13-2002	ALL
		US 2002/077646	A1	Nelson, et al.	06-20-2002	ALL
		US 2002/193705	A1	Lubock, et al.	12-19-2002	ALL
1		US 2003/229293	A1	Hibner, et al.	12-11-2003	ALL
•						ALL
						ALL
	-					ALL
						ALL
			1			ALL
			1			ALL
						ALL
			1			ALL

FOREIGN PATENT DOCUMENTS Pages, Columns, Lines, Foreign Patent Document Date of Publication of where relevant Name of Patentee or Cited Document passages or relevant Examiner Cite **Applicant of Cited Document** figures appear Initials Office³ Number⁴ KindCode mm-dd-yyyy 01-30-2003 WO 03/007822 SCIMED LIFE SYSTEMS, INC. **ALL** ALL ALL ALL ALL ALL

Examiner Signature	(Koy D Silson	Date Considered	7/21/05
-C-VALUE -			and the state of and in another and

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English tanguage Translation is attached.



SUBMISSION UNDER MPEP 609 D

Application Number 10/673,953

Filing Date September 29, 2003

First Named Inventor Michael Clem

Group Art Unit Not Assigned

Examiner Name Not Assigned

Attorney Docket Number END5210USANP

Page 2 of 1

		Page Work	ATE		NIMENTO			ــــــــــــــــــــــــــــــــــــــ	
		U.S. P/	ALE		etent Docum	ent			·
Examiner Initials	Cite	Name of Patentee or Applicant of Cited Document		Kind Code ^z Number (if known)				Pages, Columns, Line where relevant passage relevant figures appear	
		·····	_						
			_		_				
<u> </u>			\dashv						
			\dashv						
			_						
		<u>.</u>	\dashv			.			
			ŀ						
		FOREIGN	N PA	TENT	OCUMEN	TS	<u> </u>	<u> </u>	
Examiner Initials	Cite	Name of Patentee or Applicant of Cited Document	where releva			Columns, Lines, elevant passages elevant figures appear	T ⁶		
					· · · · ·	<u> </u>			
		,		•					
			_		· .	1			
	<u> </u>	OTHER PRIOR ART - N	ON P	ATENT	ITEDATUR	E DOCUMEN	ITS		
Examiner 's Initials*	Cite No.1	Include name of the author (in C title of the item (book, magazine volume-issue number(s	APIT , jour s), pu	AL LE mal, se blisher	ITERS), titt rial, sympo , city and/or	le of the artinsium, catalor r country wh	de (when g, etc.), c ere publi	late, page(s), shed	Τ²
RUS		EPO Search Report dated Februa Patent Application No. EP 04 25 6	ary 4, 005.	2005 (Atty. [for corresp locket No.:	onding pate END5208U	nt applica SANP)	ation, European	
-									

Examiner Signature	Roy i. Ilson	Date Considered	7/21/05	
		·	7	